



16076 U.S. PTO

Attorney Docket No.: MLCZ 2 000112

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAIL STOP PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

16834 US PTO
10/723504



NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of:

Chris T. Vild, Richard Henderson, and Richard C. Chandler

Entitled: MATERIAL SUBMERGENCE SYSTEM

1. Type of Application

This new application is for an:

Original (non-provisional)

2. Papers Enclosed Which Are Required For Filing Date under 37 CFR 1.53(b) (Regular):

9 _____ Pages of specification
3 _____ Pages of claims
1 _____ Page of Abstract
4 _____ Sheets of Formal/Informal Drawings (Figures 1-5)

3. Declaration or oath

Enclosed

4. Preliminary Amendment

Enclosed

5. Language

English

6. Assignment

An assignment of the invention to:

A separate "Assignment Recordation Form Cover Sheet" is also attached.

7. **Priority**

Priority is hereby claimed to Patent Application No. 60/429,502 filed November 27, 2002.

8. **Information Disclose Statement by Applicant (Substitute for form 1449/PTO)**

Enclosed
 Reference(s)

9. **Fee Calculation (37 CFR 1.16)**

Regular utility application

BASIC FEE FOR SMALL ENTITY:		385.00	
Number of Claims		Number of Extra Claims	
Total claims	19 - 20 = 0	x 9.00	00.00
Indep. Claims	4 - 3 = 0	x 43.00	43.00
TOTAL DUE:			428.00
Fee Payment Being Made At This Time			
<input checked="" type="checkbox"/> Basic filing fee for <i>small entity</i>			428.00
<input type="checkbox"/> Recording assignment (See attached "Assignment Recordation Form Cover Sheet")			00.00
TOTAL FEES ENCLOSED			<u>\$385.00</u>

10. **Authorization to Charge Additional Fees**

The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 06-0308.

37 CFR 1.16(a), (f) or (g) (filing fees)
 37 CFR 1.16(b), (c), and (d) (presentation of extra claims)
 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

11. **Instructions as to Overpayment**

Deposit Account No. 06-0308

12. **Please address correspondence and direct telephone calls to:**

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Respectfully submitted,

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November 26, 2003
Date



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"Express Mail" Mailing Label Number: EV 341152560 US
Date of Deposit: November 26, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated above.



Jonathan A. Withrow